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Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<i>Complete if Known</i>		
				Application Number	10/801,624	
				Filing Date	2004-03-15	
				First Named Inventor	KADOUS; Tamer	
				Art Unit	2464	
				Examiner Name	OVEISSI, David M.	
Sheet	1	of	3	Attorney Docket No: 030301		

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	001	US7184713	02-27-2007	KADOUS; Tamer et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> - Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
	002	EP1294120A1	03-19-2003	TEXAS INSTRUMENTS INC [US]		<input type="checkbox"/>
	003	WO02087088A2	10-31-2002	WISCOM TECHNOLOGIES INC [US]		<input type="checkbox"/>
	004	WO2005027355A2	03-24-2005	QUALCOMM INC [US], et al.		<input type="checkbox"/>

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	005	El-Gamal .H et., "A new approach to layered space-time coding and signal processing," IEEE Transactions on Information Theory, Sept. 2001.	<input type="checkbox"/>
	006	EUROPEAN SEARCH REPORT-EP04783748, EUROPEAN PATENT OFFICE- THE HAGUE-2-20-08.	<input type="checkbox"/>
	007	FOSCHINI G J: "Layered Space-Time Architecture for Wireless Communication in a Fading Environment when using Multi-Element Antennas" Bell Labs Technical Journal, Wiley, Ca, US, Vol. 1, no. 2, 21 September 1996 (1996-09-21), pages 41-59, XP000656005.	<input type="checkbox"/>
	008	INTERNATIONAL SEARCH REPORT-PCT/US04/029648, INTERNATIONAL SEARCH AUTHORITY-UNITED STATES-12-2-05.	<input type="checkbox"/>

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NON PATENT LITERATURE DOCUMENTS				
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	009	ONGGOSANUSI E N, et al., "HYBRID ARQ TRANSMISSION AND COMBINING FOR MIMO SYSTEMS" ICC 2003. 2003 IEEE INTERNATIONAL CONFERENCE ON COMMUNICATIONS. ANCHORAGE, AK, MAY 11-15, 2003, IEEE INTERNATIONAL CONFERENCE ON COMMUNICATIONS, NEW YORK, NY : IEEE, US, VOL. 1(5) pp. 3205-3209.	<input type="checkbox"/>	
	010	TAIWAN SEARCH REPORT - TW093127311 - TIPO - 2011-03-17 (030301TW) .	<input type="checkbox"/>	
	011	TAROKH et al., "Space-Time Codes for High Data Rate Wireless Communication: Performance Criterion and Code Construction," IEEE Transactions on Information Theory, Vol.44, No.2, pp.744-765, Mar 1998.	<input type="checkbox"/>	
	012	Wolniansky, P.W.; Foschini, G.J.; Golden, G.D.; Valenzuela, R.A.; , "V-BLAST: an architecture for realizing very high data rates over the rich-scattering wireless channel," Signals, Systems, and Electronics, 1998. ISSSE 98. 1998 URSI International Symposium, pp.295-300, (29 Sep-2 Oct 1998), doi: 10.1109/ISSSE.1998.738086 .	<input type="checkbox"/>	
	013	WOO TAE KIM ET AL: " PERFORMANCE OF STBC WITH TURBO CODE IN HARQ SCHEME FOR MOBILE COMMUNICATION SYSTEMS" TELECOMMUNICATIONS, 2003. ICT 2003. 10TH INTERNATIONAL CONFERENCE ON FEB. 23-MAR. 1, 2003, PISCATAWAY, NJ, USA, IEEE, 23 FEBRURAY 2003, PAGES 85-89,.	<input type="checkbox"/>	
	014	"Written Opinion - PCT/US2004/029648, International Search Authority, European Patent Office, 12/02/2005 (030301).".	<input type="checkbox"/>	
	015	YONGZHONG ZOU ET AL: "A NOVEL HARQ AND AMC SCHEME USING SPACE-TIME BLOCK CODING AND TURBO CODES FOR WIRELESS PACKET DATA TRANSMISSION" COMMUNICATION TECHNOLOGY PROCEEDINGS, 2003. ICCT 2003. INTERNATIONAL CONFERENCE ON APRIL 9-11, 2003 PISCATAWAY, NJ, USA,.	<input type="checkbox"/>	

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Sheet	3	of	3	Attorney Docket No: 030301	

**CERTIFICATION STATEMENT**

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

- ☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

**OR**

- ☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

- ☐ See attached certification statement.

- ☐ Fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

- ☒ None

**SIGNATURE**

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Peng Zhu/	Date (YYYY-MM-DD)	2011-08-18
Name/Print	Peng Zhu	Registration Number	48063

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**